BENGALURU METROPOLITAN TRANSPORT CORPORATION
CENTRAL OFFICES :: BENGALURU-27

No. BMTC/CO/CME/192 /2024-25 Date:24/04/2024

:: CORRIGENDUM ::

Sub: Selection of Service Provider for Procurement, Operation and Maintenance of 10 Nos. double decker AC Electric Buses on Gross Cost Contract (GCC) Model under National Clean Air Programme (NCAP) and State Urban Transport Fund (SUTF) of Directorate of Urban Land Transport (DULT).

Ref: Tender No : BMTC/2023-24/SE0280/CALL-2 dtd.14.03.2024

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With reference to above, M/s. OHM Global Mobility Ltd. has sought clarifications regarding technical points and the BMTC remarks are as under:

Sr. No.	Page No.	Clause No.	Description as Per RFP	Queries/ Clarification of the bidder	BMTC Remarks
1	5	15.2 – D	Front Service doors: Positioning front service Gate: Behind the front axle	Ahead of front axle	Agreed
2	8	16.6.1 - J	Passenger Seating for Ordinary type-I buses: Clearance space for seated Passenger facing partition (mm): Minimum 350	As per AIS:052	Agreed
3	11	19.9	Emergency exit doors, warning devices etc.: R H Side emergency door mandatory Dimensions as per AIS 052/CMVR	As per AIS 052/CMVR	Agreed
4	11	19.11	Mirrors right/left side exterior/interior: As per AIS: 001 & 002. Interior with double curvature	As per manufacturer design meeting AIS:052 norms	Agreed
5	12	23	Air circulations and ventilation in driver's area: Blower motor to be provided in driver cabin.	As per manufacturer design/AIS:052	Agreed
6	12	23	Drivers work area to be provided with blower or suitable device (200 mm diameter fan) to ensure proper ventilation. These devices may be capable of 3 – speed adjustment	As per manufacturer design/AIS:052	Agreed

7	15	11`	Alarm Sensors: Minimum 8inputs(NO/NC, configurable) 2 outputs	To be as per manufacturer design.	RFP conditions prevails
8	16	23	External Interfaces: 1RS232, 1USB2.0, 1 Channel Pulse Speed Detection 1 SIM slot (Capable ofusingM2M Plastic, M2M RobustPlasticSIMandM2MIndustrialSIM) –To be mounted in a Lockable Compartment	To be as per manufacturer design.	Agreed with provisioning for 1 Channel Pulse Speed Detection 1 SIM slot (Capable `ofusingM2M Plastic, M2M RobustPlasticSIMandM2MIndustrialSIM) –To be mounted in a Lockable Compartment
9	16	24	Image quality: 1 to 8 (configurable) In case of following Quality will automatically upgrade to 1(configurable):Alarm (via I/0 input e.g. Emergency Button, Emergency Door Open, Brake On, Reversing) triggered, Motion detection, Video loss, Camera Cover, Vehicle Speed, Threshold exceed on 6 axis Gyro	To be as per manufacturer design.	Agreed
10	18	37	Data Download and Configuration settings: MNVR should provide video and audio down¬load facility for the desired date/time and du¬ration. It should be possible to connect a lap¬top to MNVR through network cable on RJ45 port and open MNVR user interface in a standard browser using a standard URL such as http://nvr (or any other text specified by MoRTH) without having to configure the lap-top's network settings. After entering user-id and password (specified by MoRTH), it will be	To be as per manufacturer design.	RFP condition to be adhered to along with MP 4 format.

			possible to search, view, select and download video clips of desired duration and date/time in standard formats such as .avi or .mpg. It will not be possible to delete any video or change configuration settings using this set of user-ID and password. Also, the data shall also be downloaded through remote login.		
11	19	43	Analytics: Camera tampering Trigger based recording form Panic Button Head count for passenger count validation Facial recognition Driver behaviour detection	To be as per manufacturer design	Head count for passenger count validation Facial recognition Driver behavior detection is removed
12	19	5	Vibration, shock standard AIS 012/AIS:062 -10g:Frequency 5~55Hz and return to 5Hz at a linear sweep period of 1 minute/complete sweep cycle and 10g at maximum frequency Excursion -1.65 mm peak to peak over the specified frequency range Test duration 60 minutes Direction of vibration –X, Y, Z axis of device as it is mounted on the vehicle. Test to be carried out in 'on' condition as per ARAI EN 50155 or equivalent EN 50121 or equivalent	To be as per Manufacturer design	RFP conditions prevails

Chief Mechanical Engineer